

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Madison et al.
Serial No.: 10/099,700
Filed: March 13, 2002
For: **NUCLEIC ACID MOLECULES
ENCODING A TRANSMEMBRANE
SERINE PROTEASE 7, THE
ENCODED POLYPEPTIDES AND
METHODS BASED THEREON**
Art Unit: 1645

CERTIFICATE OF MAILING BY "EXPRESS
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Date of Deposit May 24, 2002

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§1.10 on the date indicated above and
addressed to:

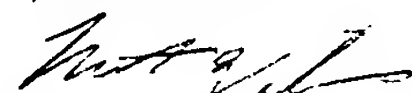
Commissioner for Patents

Box Missing Parts

P.O. Box 2327,

Arlington, VA 22202, on this date.

05/24/2002
Date


Robert Wickman

RESPONSE TO NOTICE TO FILE MISSING PARTS

Commissioner for Patents
Box Missing Parts
P.O. Box 2327,
Arlington, VA 22202

Sir:

In response to the Notice to File Missing Parts mailed **April 24, 2002**, the
following documents are submitted herewith:

- 1) A copy of the Notice to File Missing Parts;
- 2) Two (2) executed Declaration(s) for Patent Application;
- 3) Two (2) Assignments from the inventors to **Corvas International, Inc.**
along with a Recordation Form Cover Sheet;
- 4) Executed Verified Statement Pursuant to 37 § C.F.R. 1.821(f);
- 5) Computer Readable Form (CRF) of Sequence Listing;
- 6) A check in the amount of \$105 which includes the \$65 small entity
surcharge and \$40 assignment recordation fee;
- 7) Return postcard.

U.S.S.N. 10/099,700

Madison et al.

RESPONSE TO NOTICE TO FILE MISSING PARTS

- ☒ The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
HELLER EHRMAN WHITE & McAULIFFE LLP

By: _____

Stephanie Seidman
Registration No. 33,779

Attorney Docket 24745-1613

Address all correspondence to:

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov



APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/099,700	03/13/2002	Edwin Madison	24745-1613

CONFIRMATION NO. 4309

FORMALITIES LETTER



OC000000007933126

Stephanie Seidman
Heller Ehrman White & McAuliffe LLP
7th Floor
4350 La Jolla Village Drive
San Diego, CA 92122

Date Mailed: 04/24/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

Items Required To Avoid Processing Delays:

04/27/2002 MBIZUNES 00000010 10099700
01 FD:205

65.00 00

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$65 for a Small Entity

- \$65 Late oath or declaration Surcharge.

A copy of this notice MUST be returned with the reply.

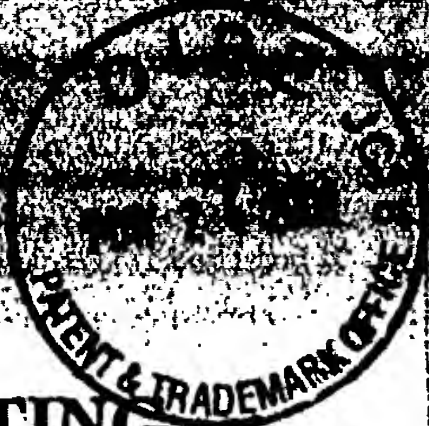


Customer Service Center

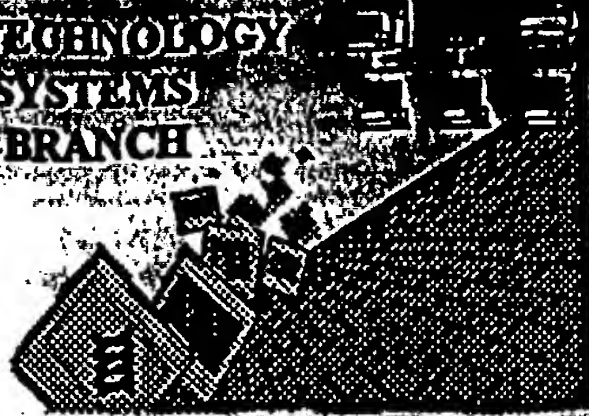
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

RAW SEQUENCE LISTING
ERROR REPORT



BIOTECHNOLOGY
SYSTEMS
BRANCH



COPY OF PAPERS
ORIGINALLY FILED

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/099,700
Source: OPE
Date Processed by STIC: 4/3/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
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<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
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2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



**Does Not Comply
Corrected Diskette Needed**

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/099,700

DATE: 04/03/2002
TIME: 14:38:32

Input Set : A:\1613seq.001
Output Set: N:\CRF3\04032002\J099700.raw

3 <110> APPLICANT: Edwin L. Madison
4 Edgar O. Ong
6 <120> TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING TRANSMEMBRANE SERINE
PROTEASE 7, THE
7 ENCODED POLYPEPTIDES AND METHODS BASED THEREON
9 <130> FILE REFERENCE: 24745-1613
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/099,700
C--> 12 <141> CURRENT FILING DATE: 2002-03-13
14 <150> PRIOR APPLICATION NUMBER: 60/275,592
15 <151> PRIOR FILING DATE: 2001-03-13
17 <160> NUMBER OF SEQ ID NOS: 22
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

983 <210> SEQ ID NO: 21
984 <211> LENGTH: (35) → Input 35, counted 36!
985 <212> TYPE: DNA
986 <213> ORGANISM: Artificial Sequence
988 <220> FEATURE:
989 <223> OTHER INFORMATION: Primer
991 <400> SEQUENCE: 21
E--> 992 attcgcggcc gcctacatac cagtctttga ggcaat

(35)

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/099,700

DATE: 04/03/2002
TIME: 14:38:33

Input Set : A:\1613seq.001
Output Set: N:\CRF3\04032002\J099700.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:992 M:254 E: No. of Bases conflict, LENGTH:Input:35 Counted:36 SEQ:21
L:992 M:252 E: No. of Seq. differs, <211>LENGTH:Input:35 Found:36 SEQ:21